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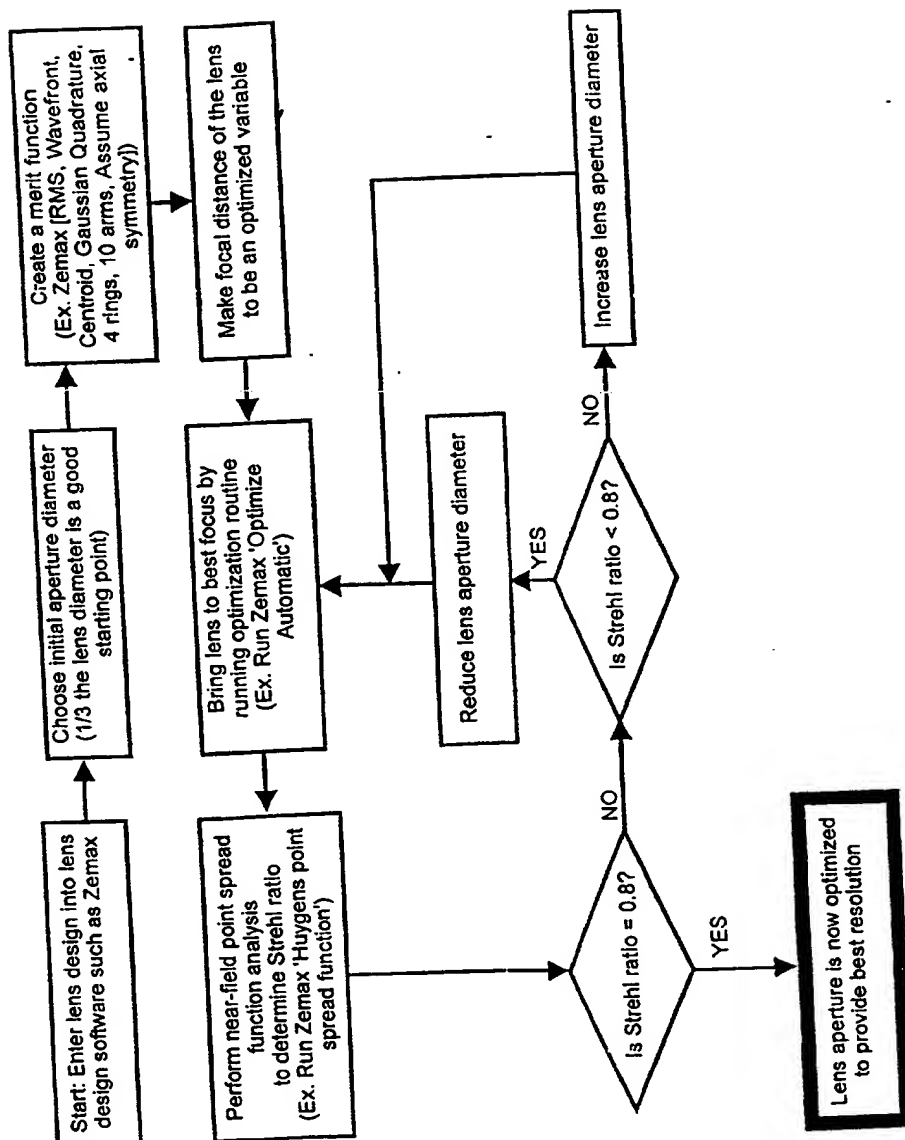


Figure 1

Resolution Limit vs. Aperture Diameter for 2.5 mm BK-7
Ball Lens with a Cover Glass
(Illumination $\lambda = 550 \text{ nm}$)

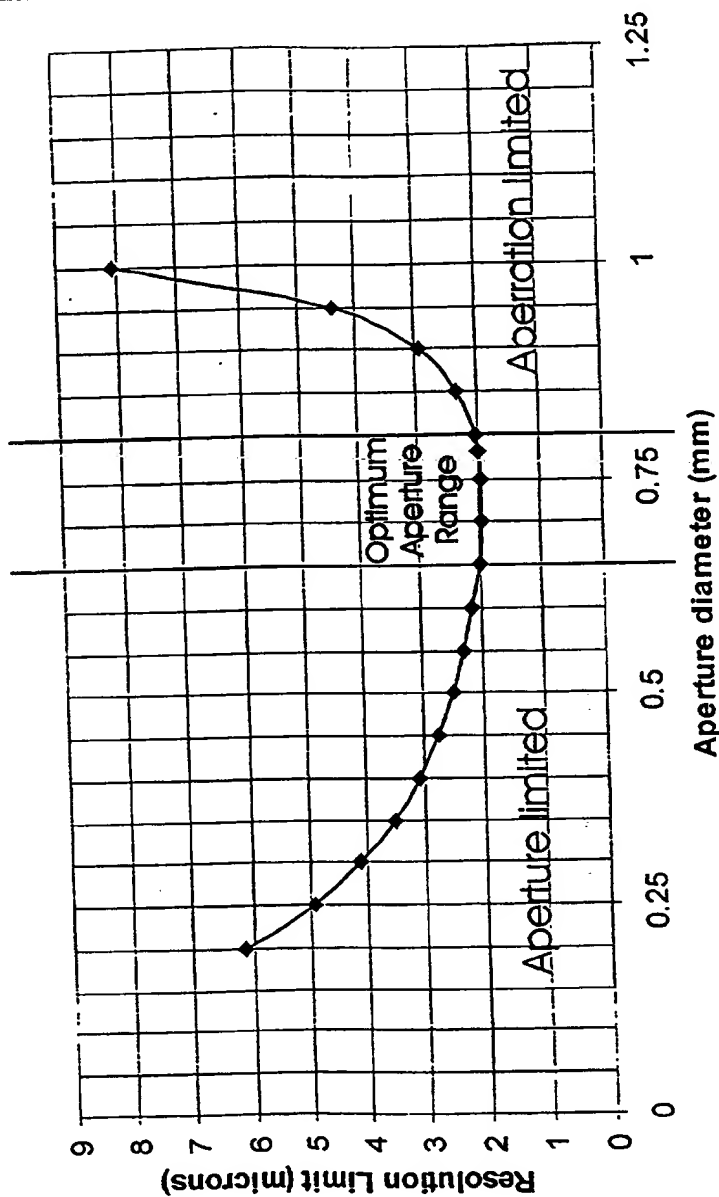


Figure 2

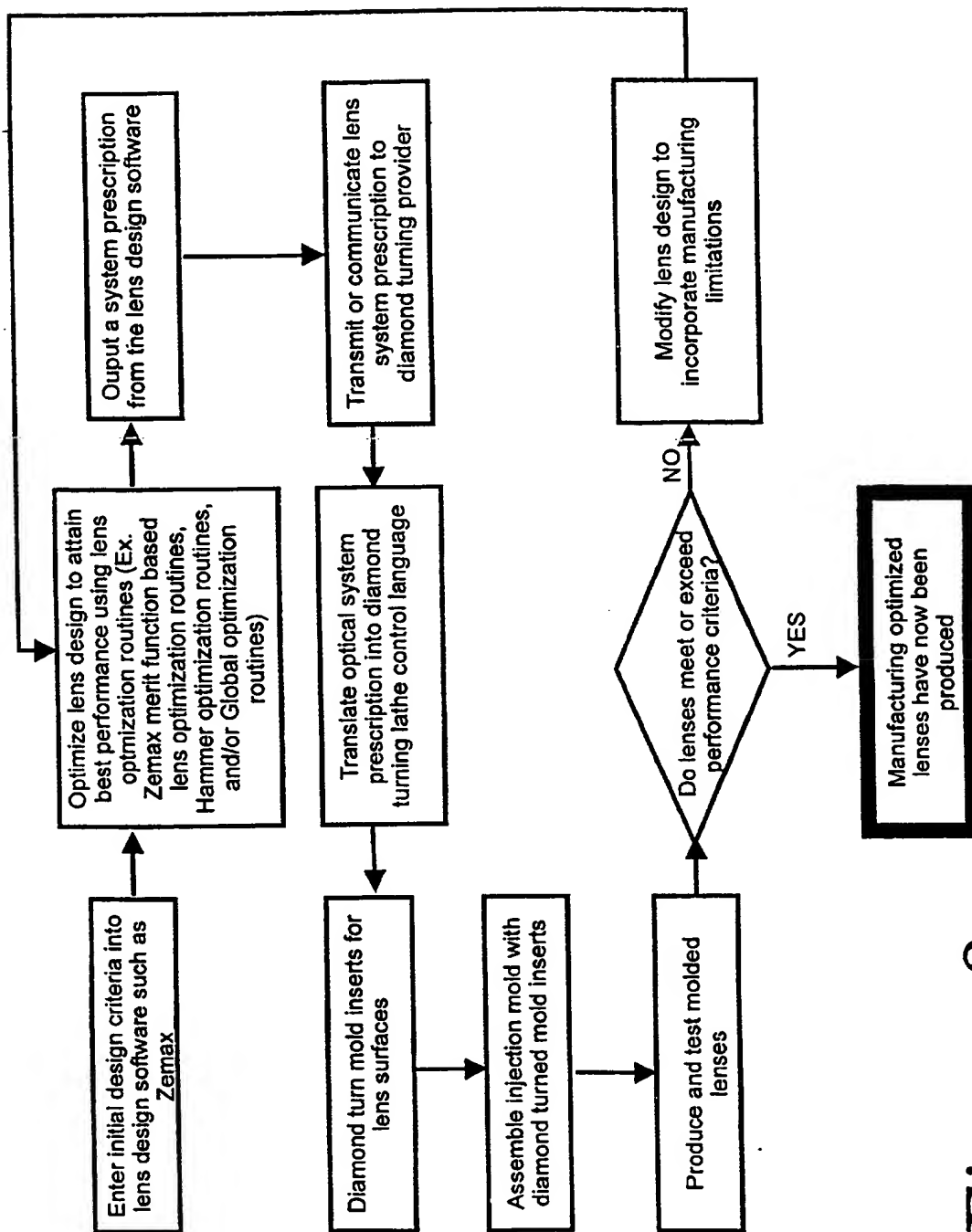


Figure 3

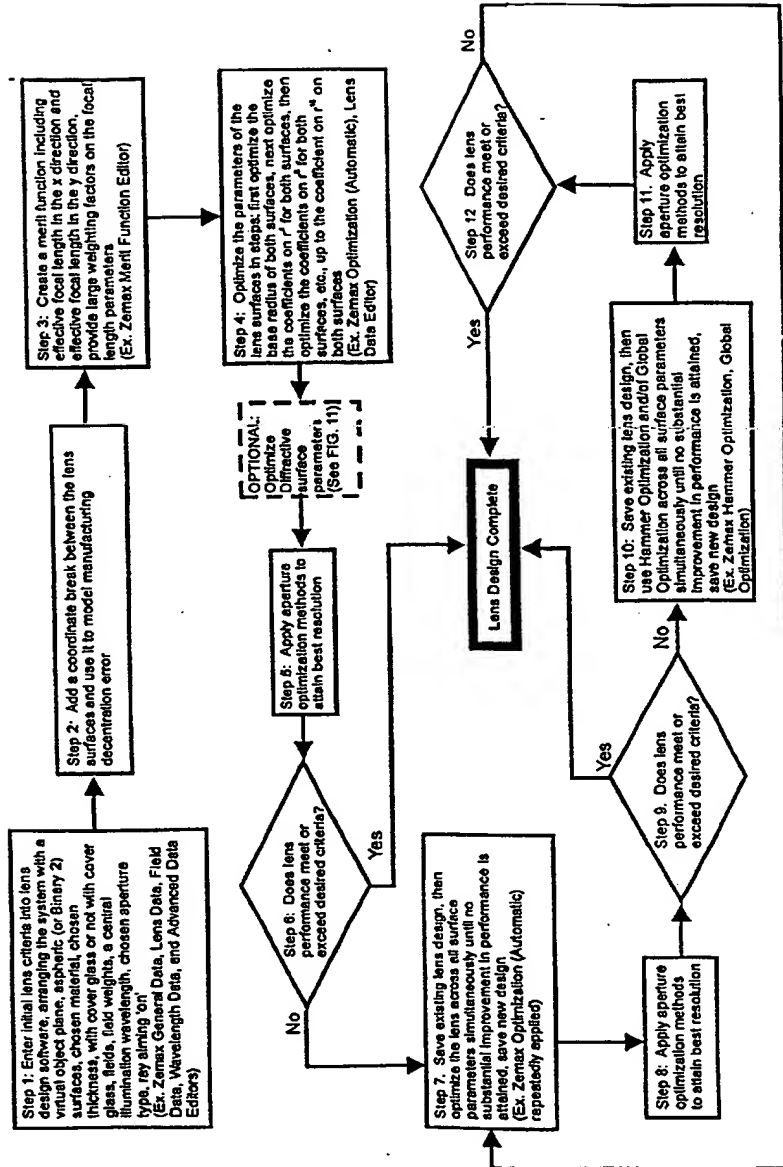
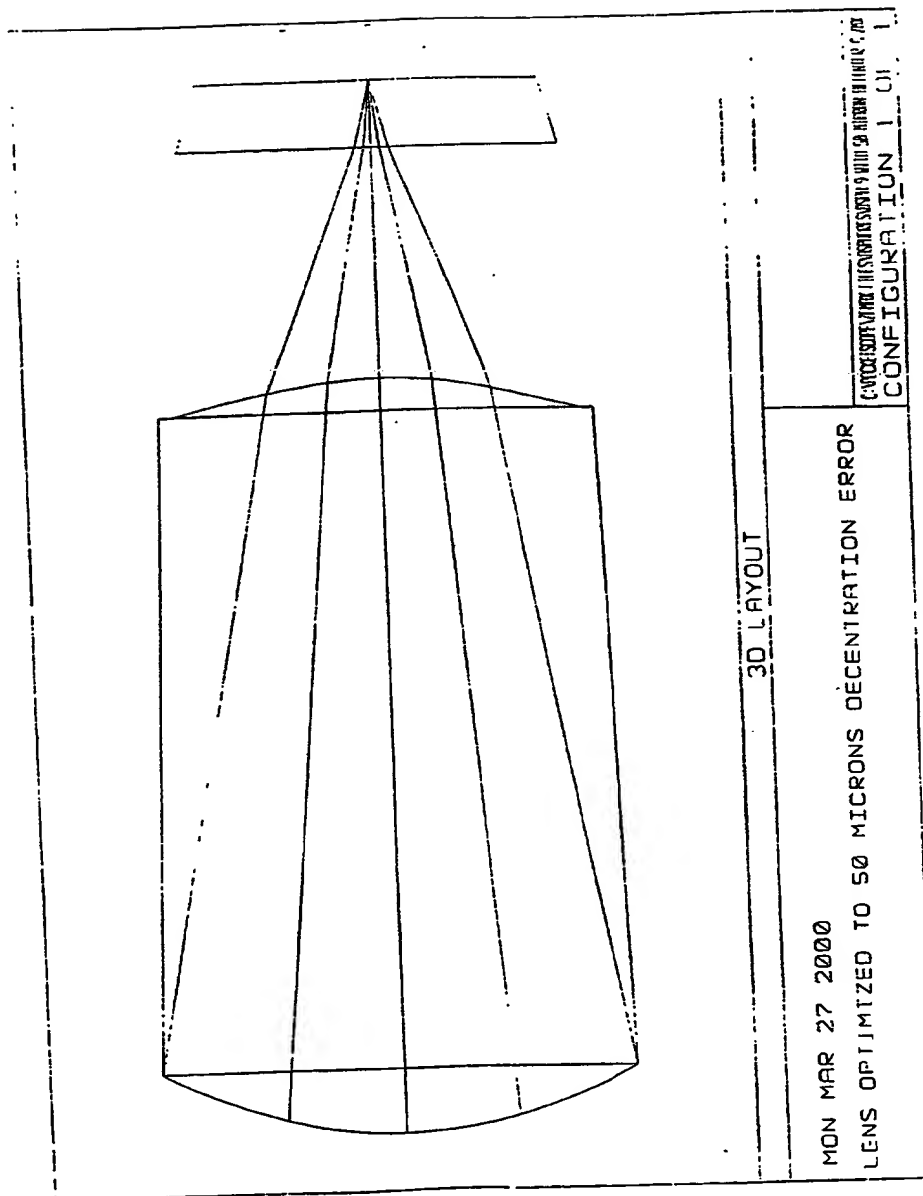


Figure 4

10E010" 2E032850



THE UNIVERSITY OF CHICAGO

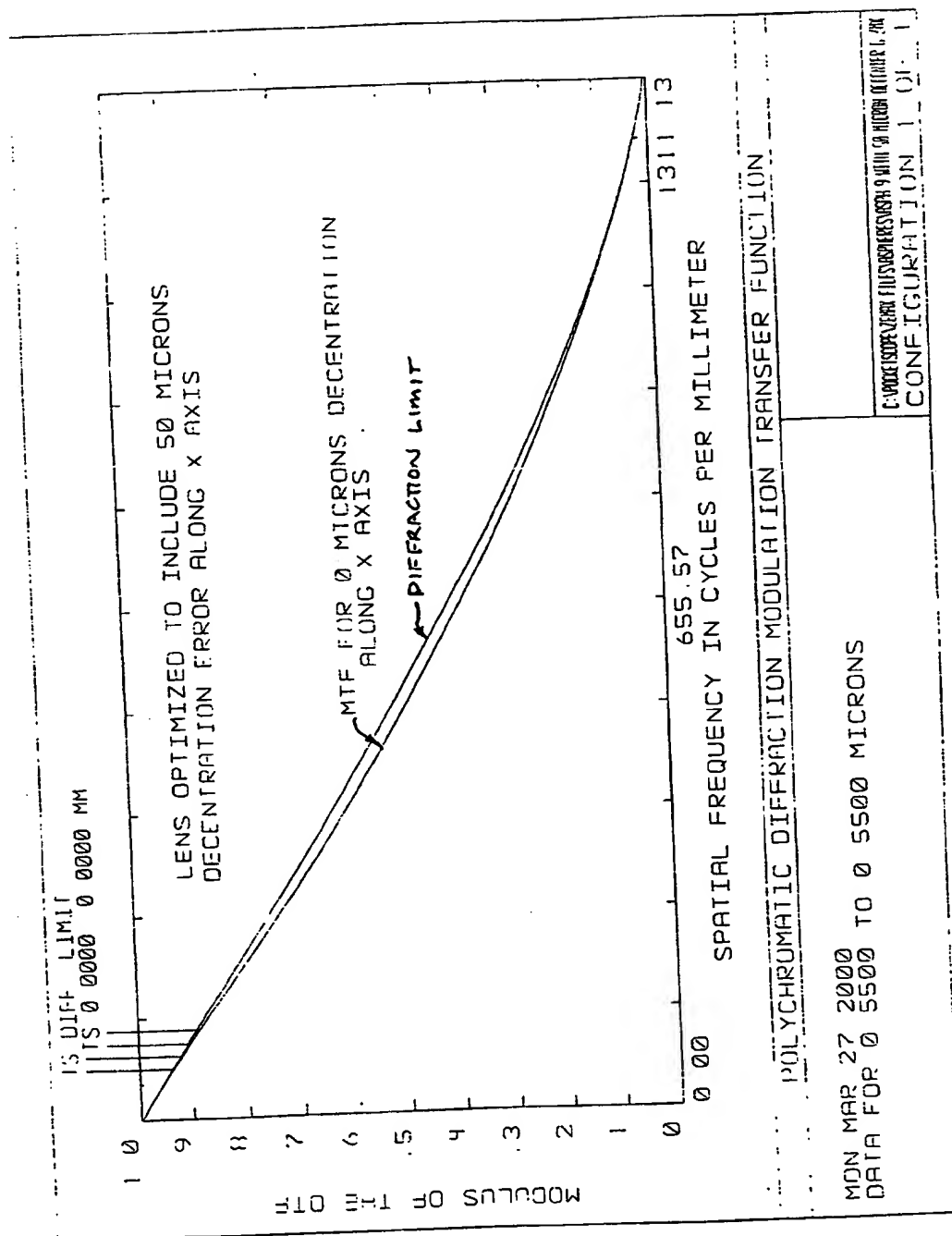


Figure 6

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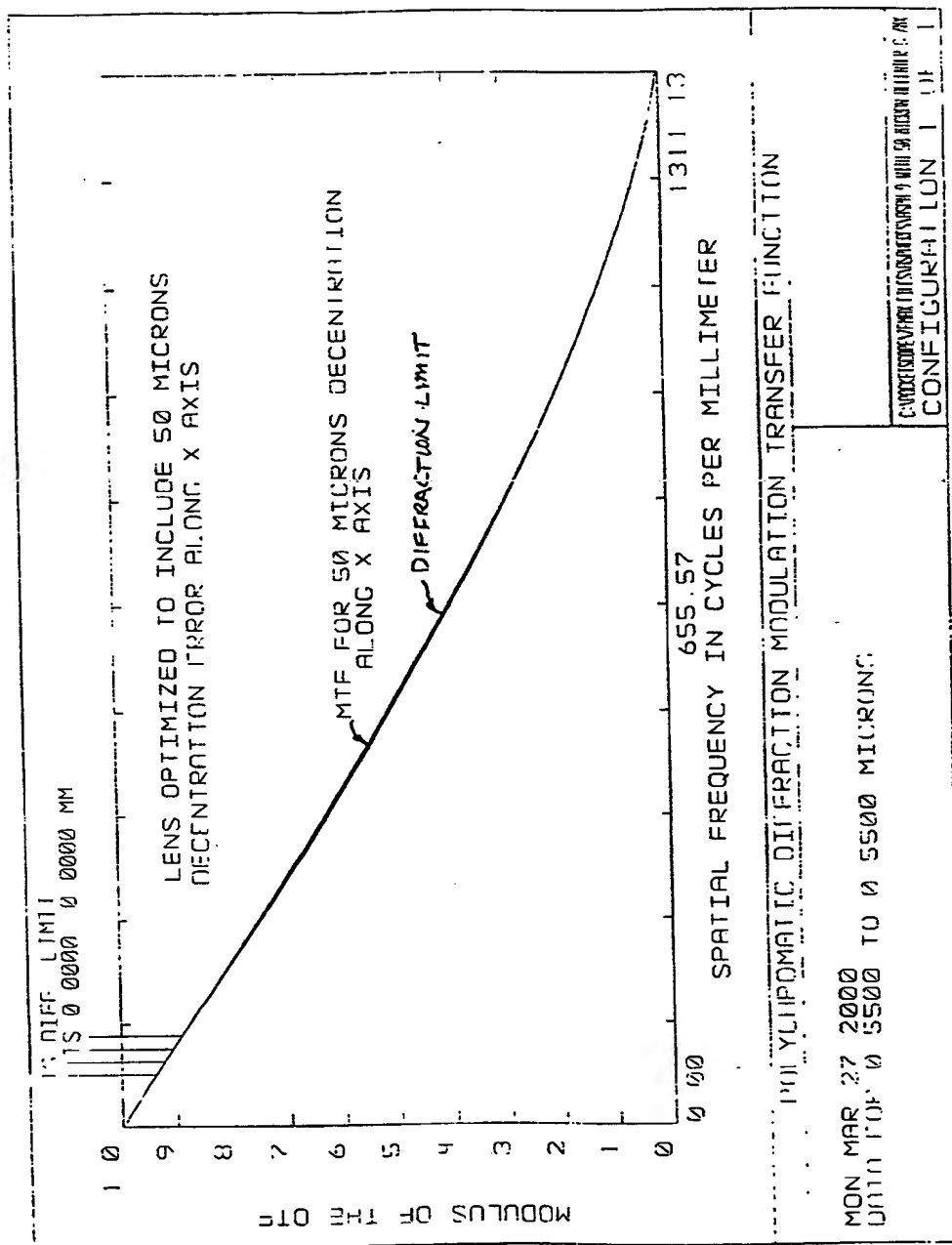


Figure 7

TOP 2000 2000 2000

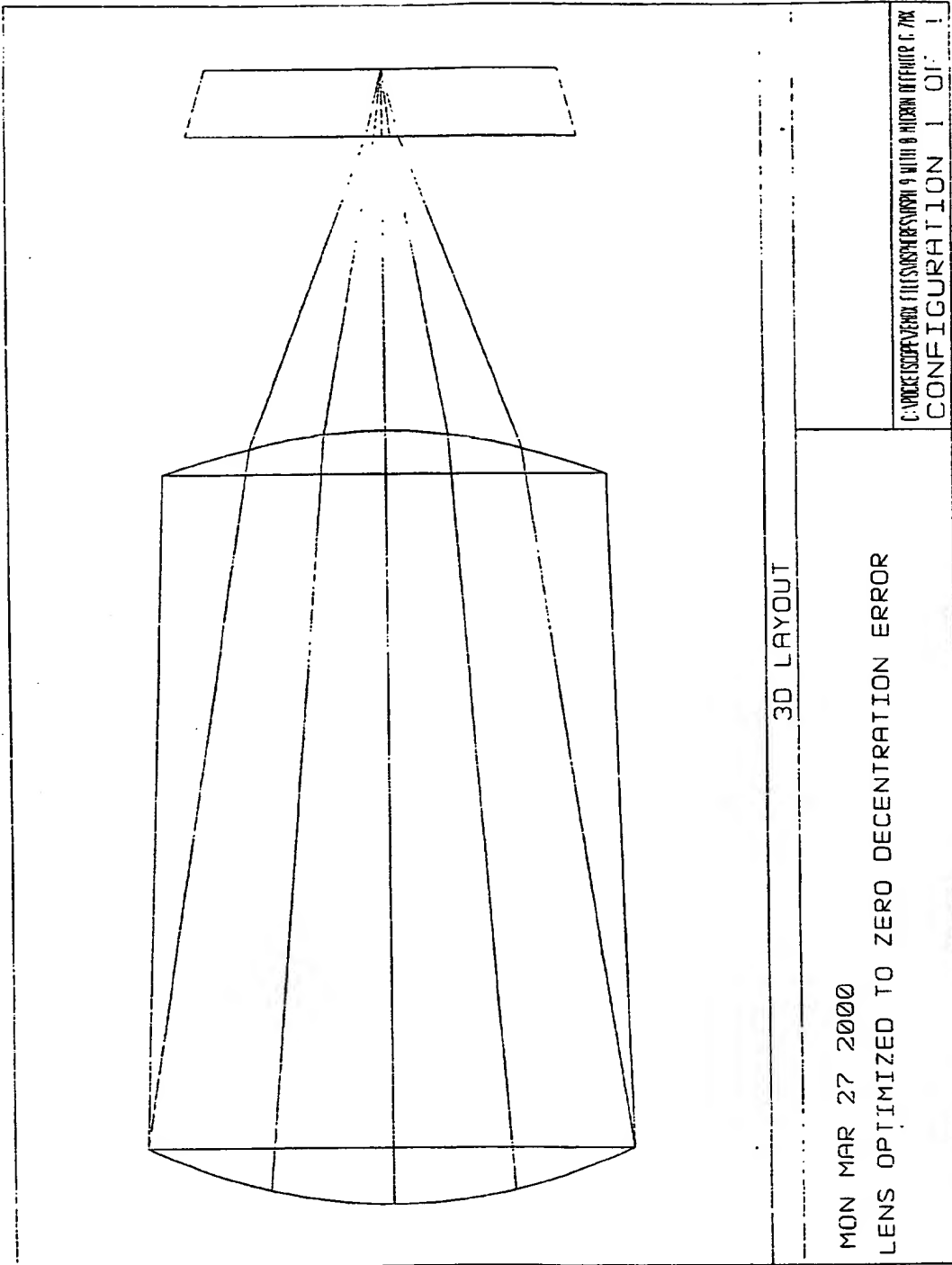


Figure 8

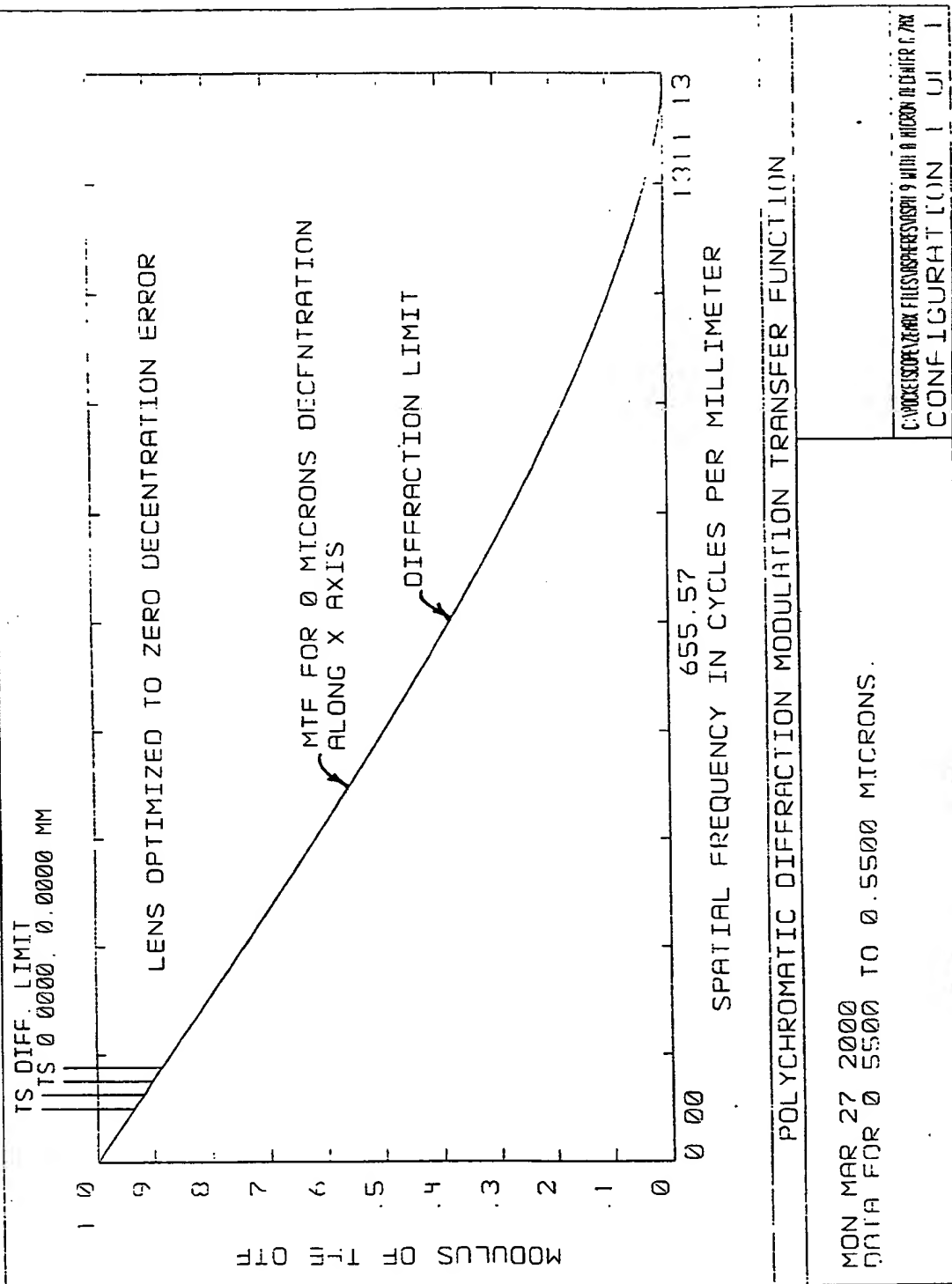


Figure 9

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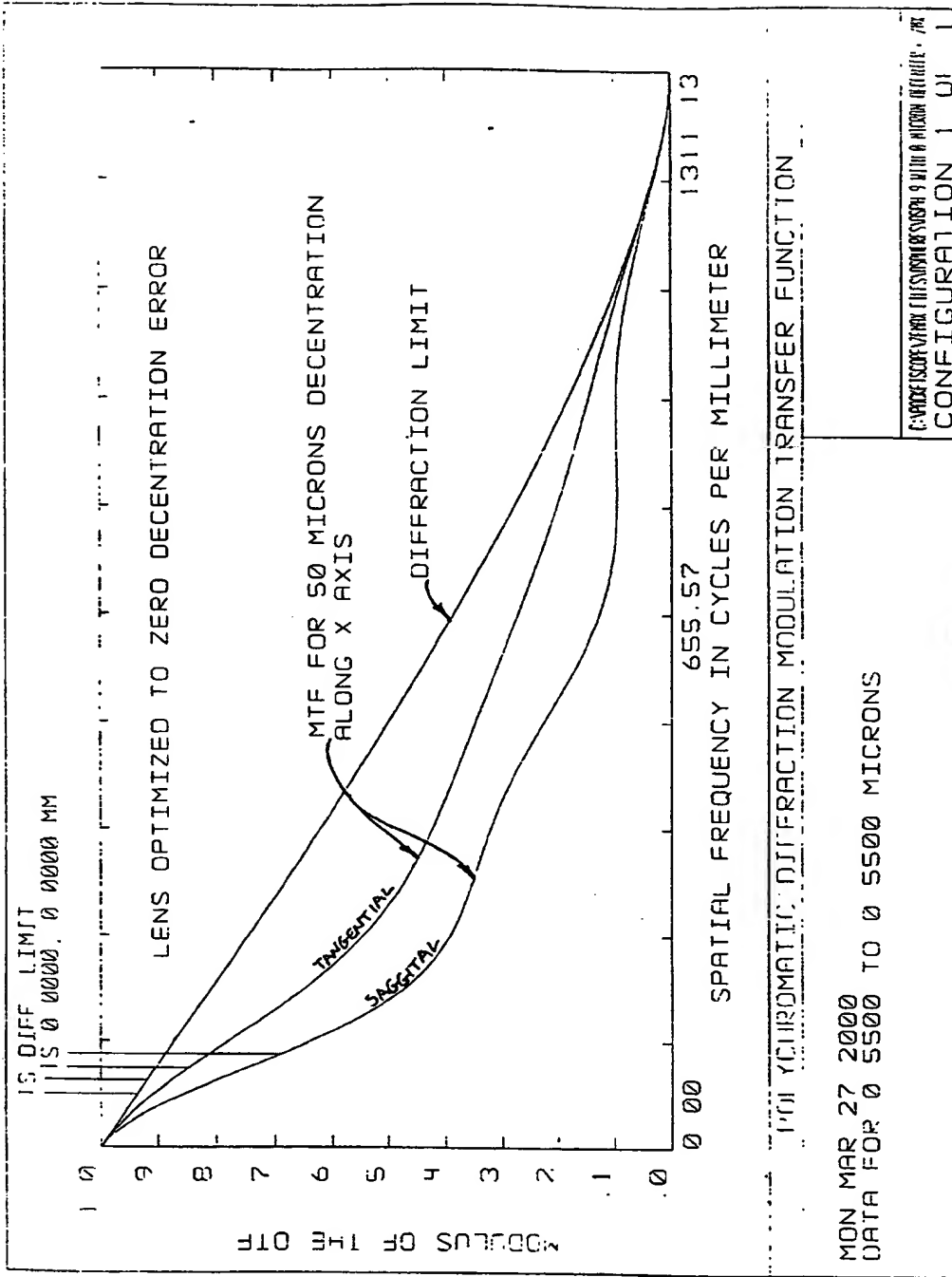


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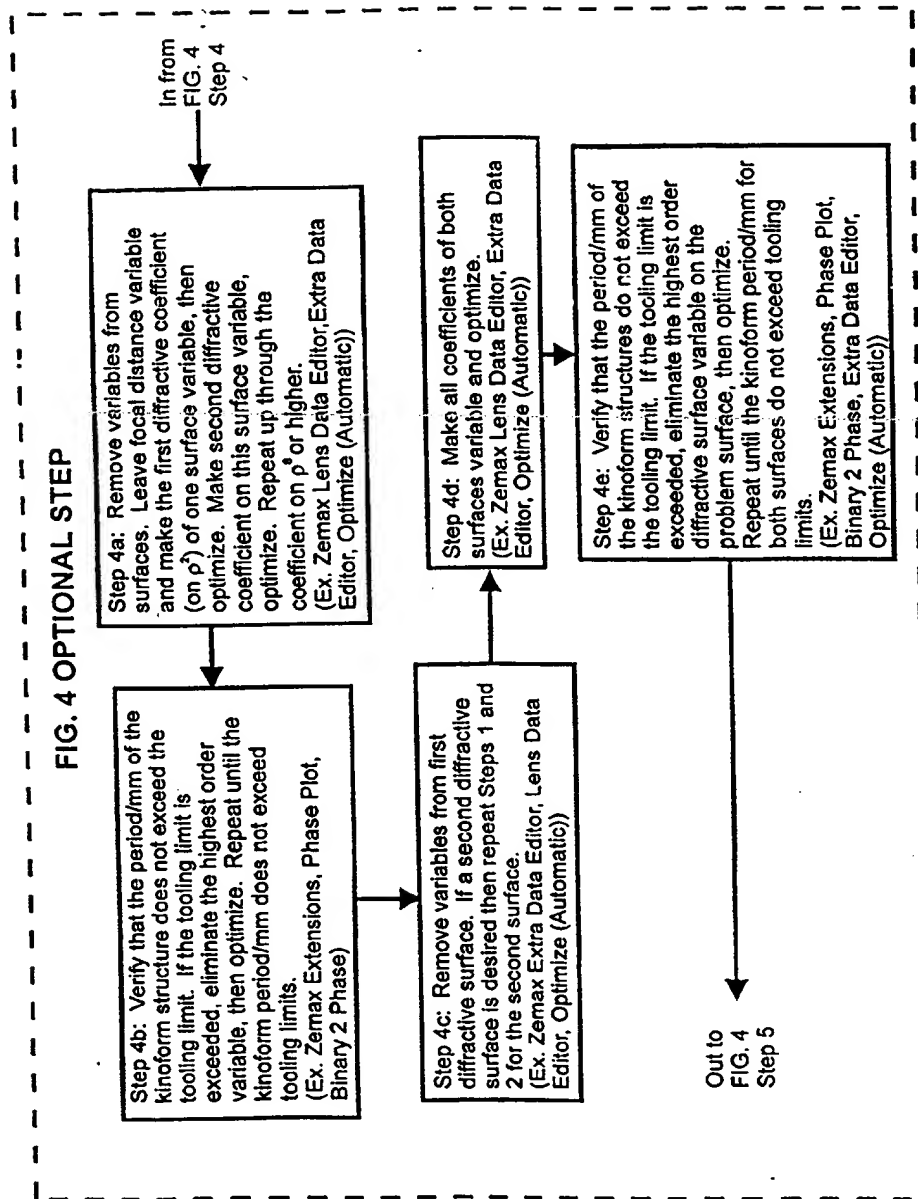


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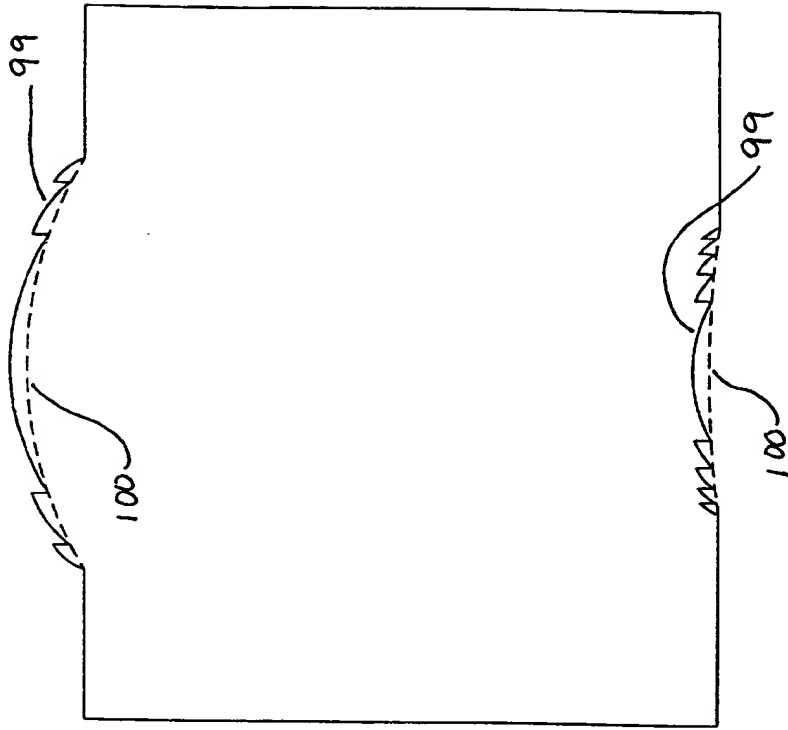


Figure 12

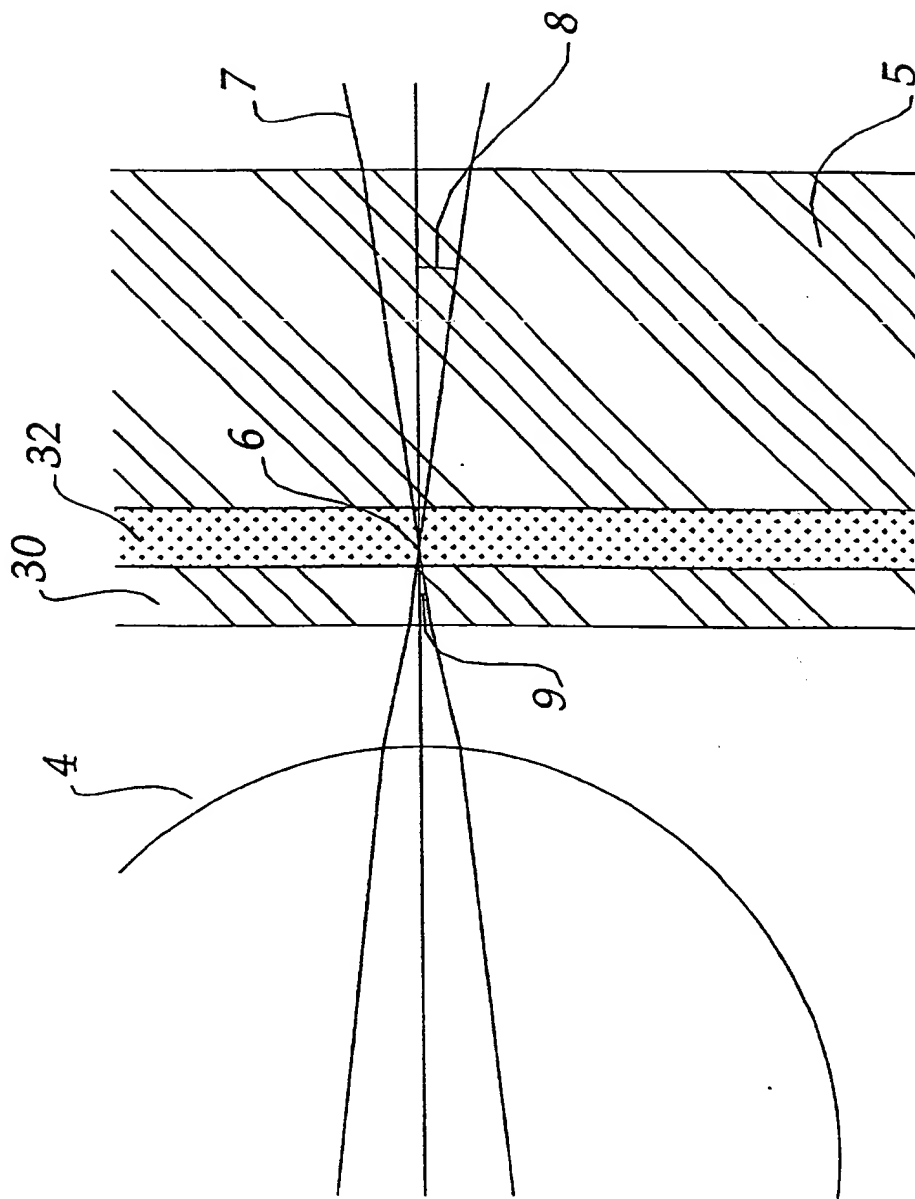


Figure 14

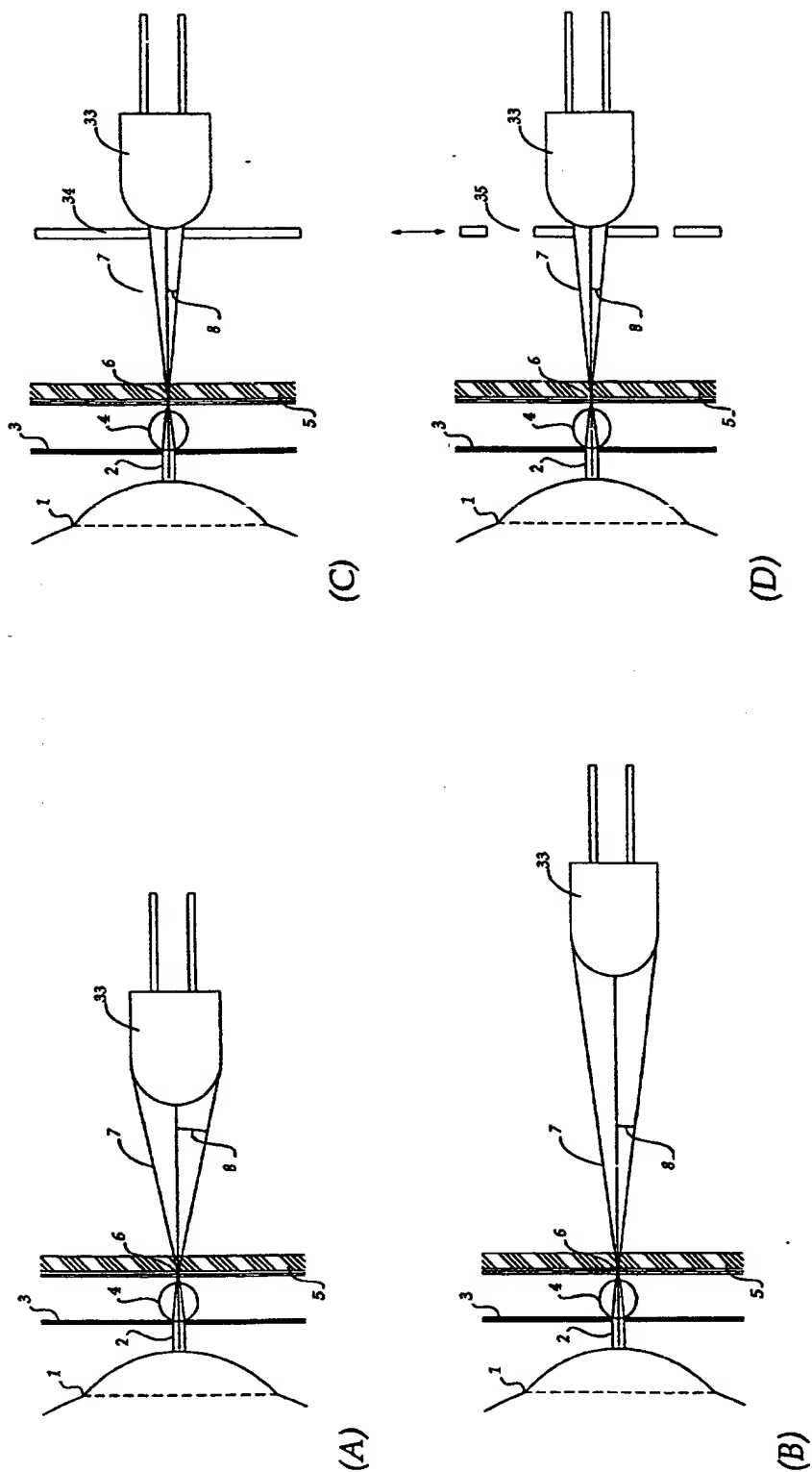
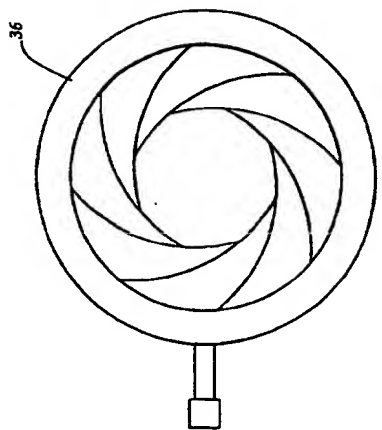
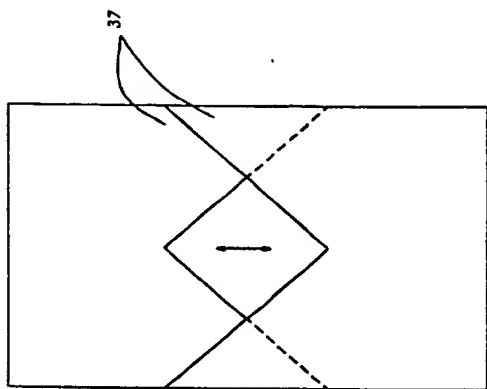


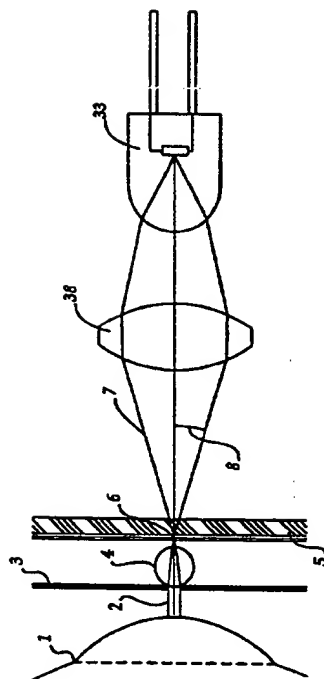
Figure 15



(A)



(B)



(C)

Figure 16

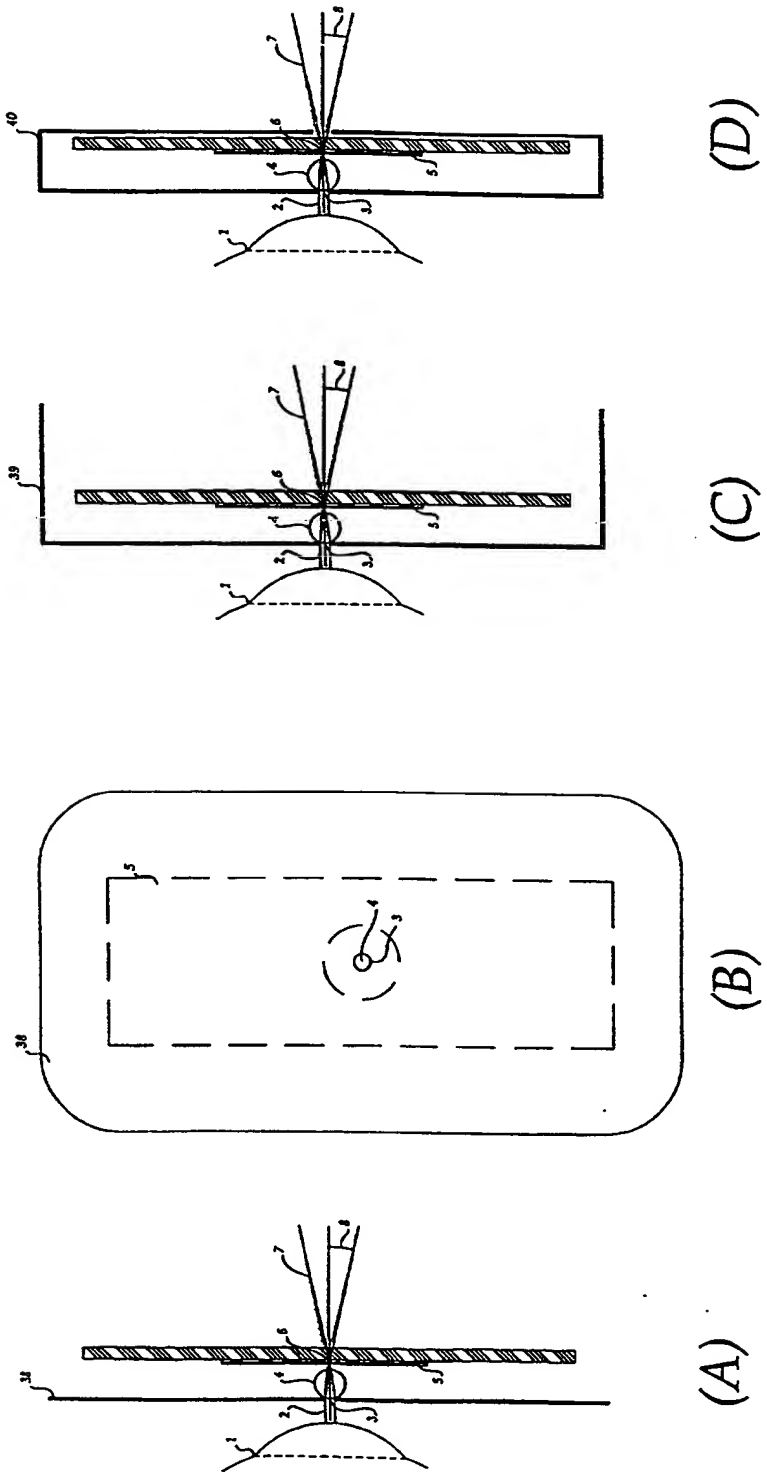
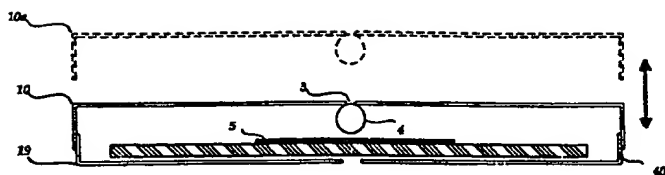
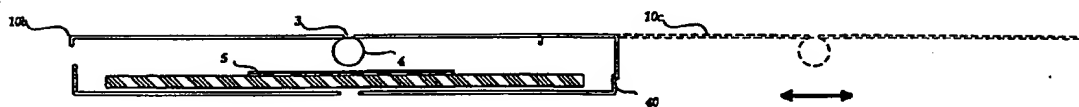


Figure 17

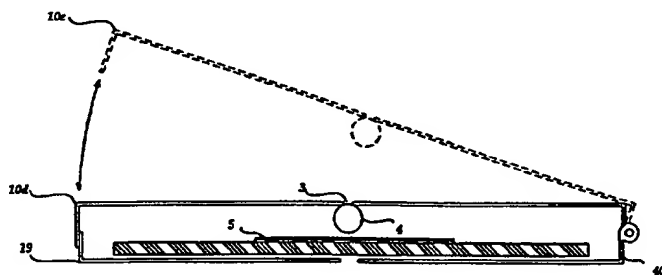
09826033.040301
FIG. 18



(A)



(B)



(C)

Figure 18

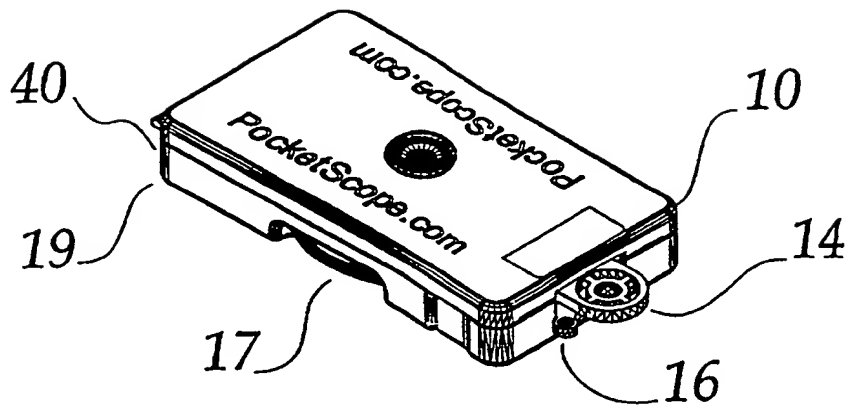


Figure 19

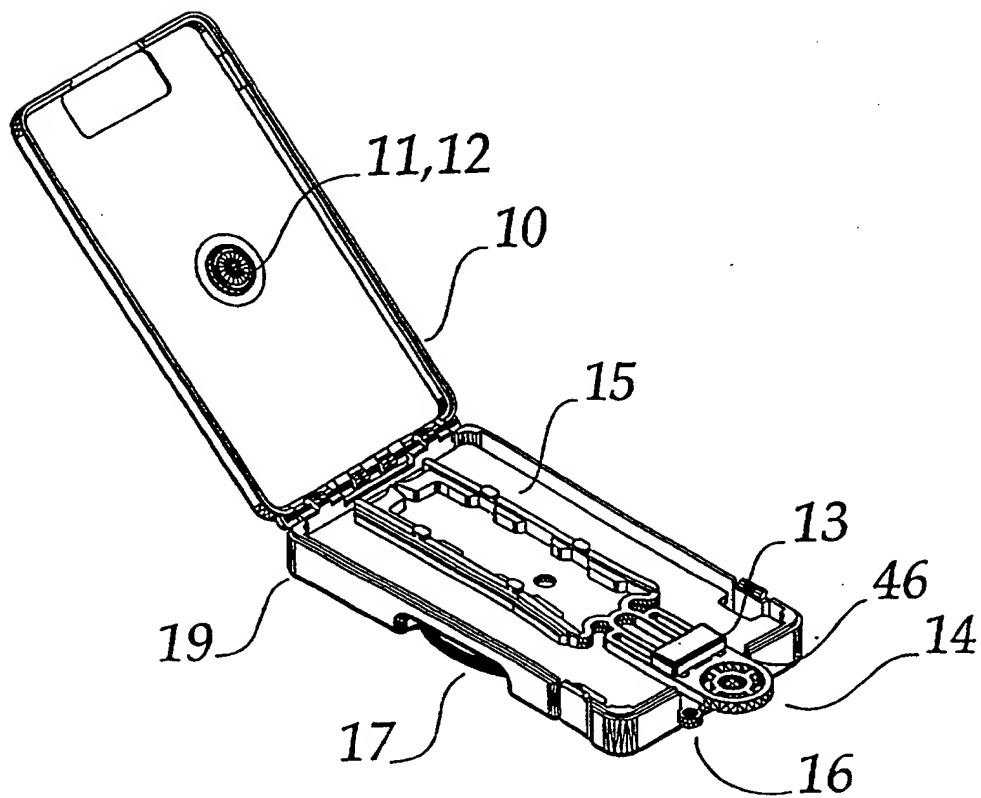


Figure 20

09025032.040301

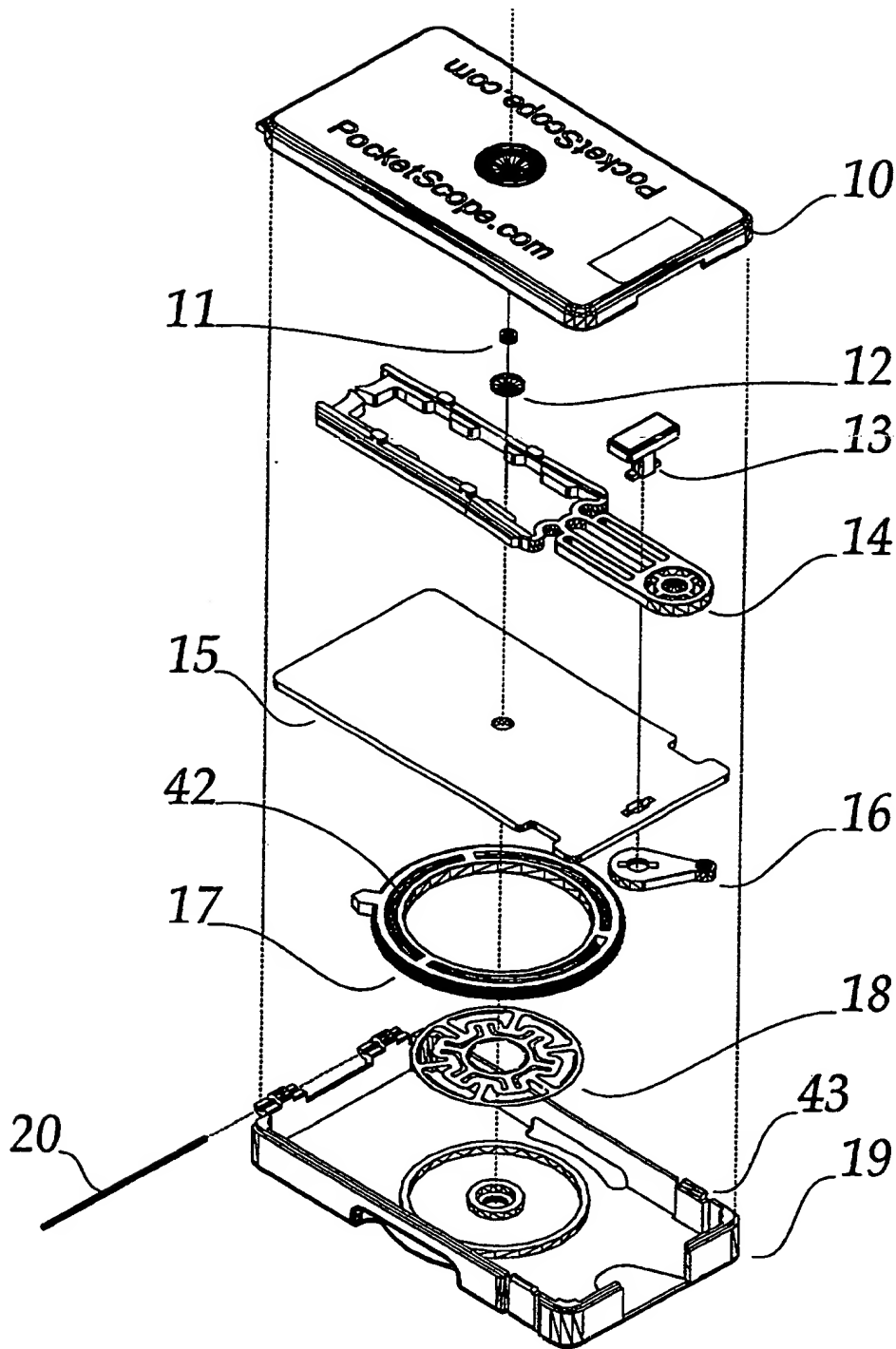


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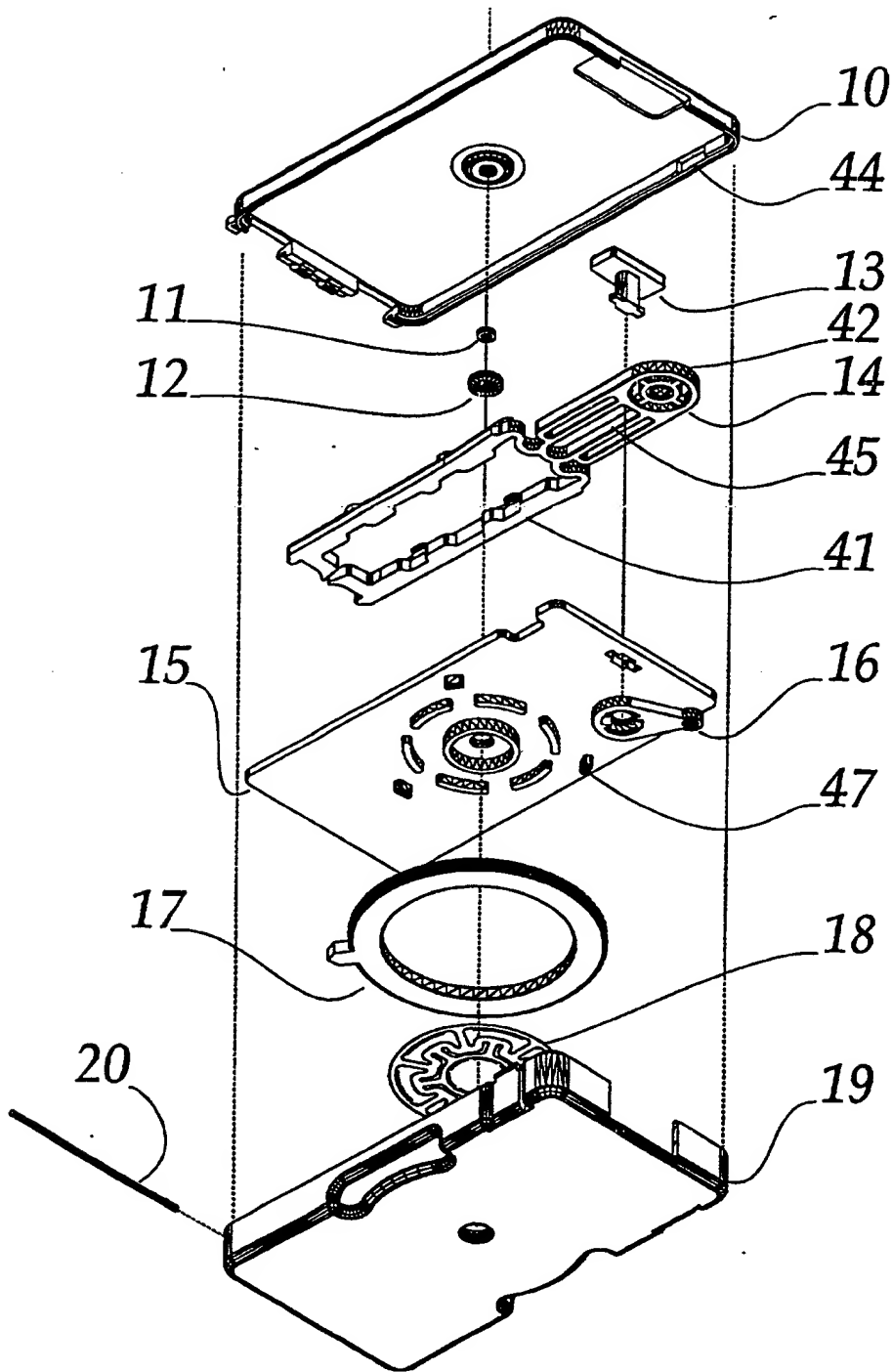


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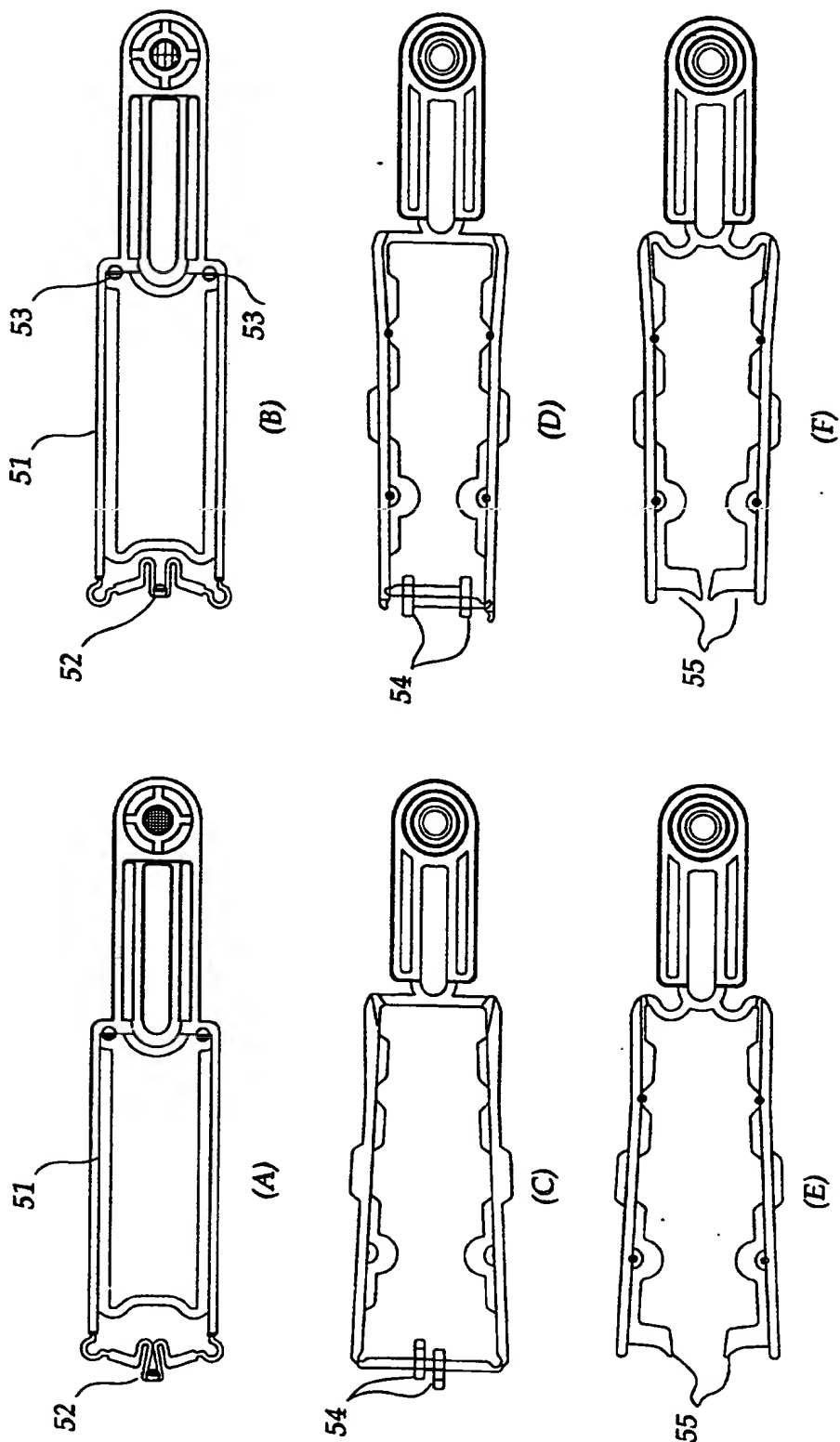


Figure 23

FIG. 24

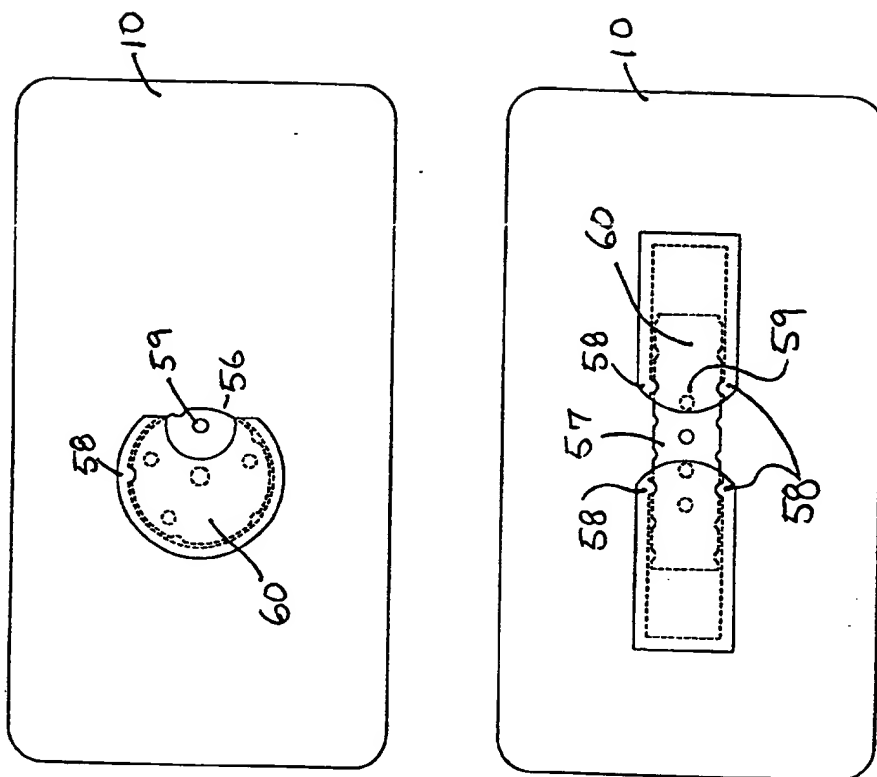


FIGURE 24

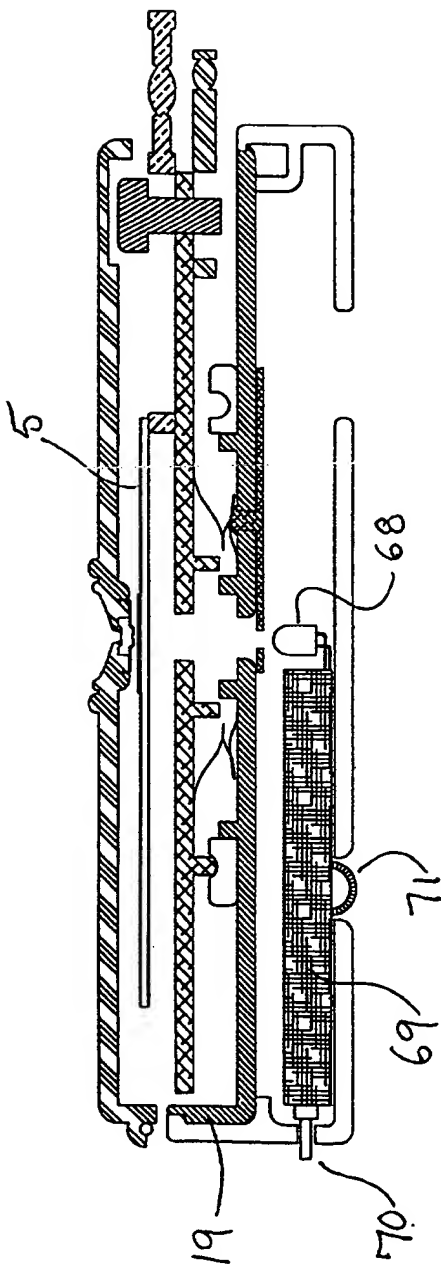


Figure 26

09826032.040301

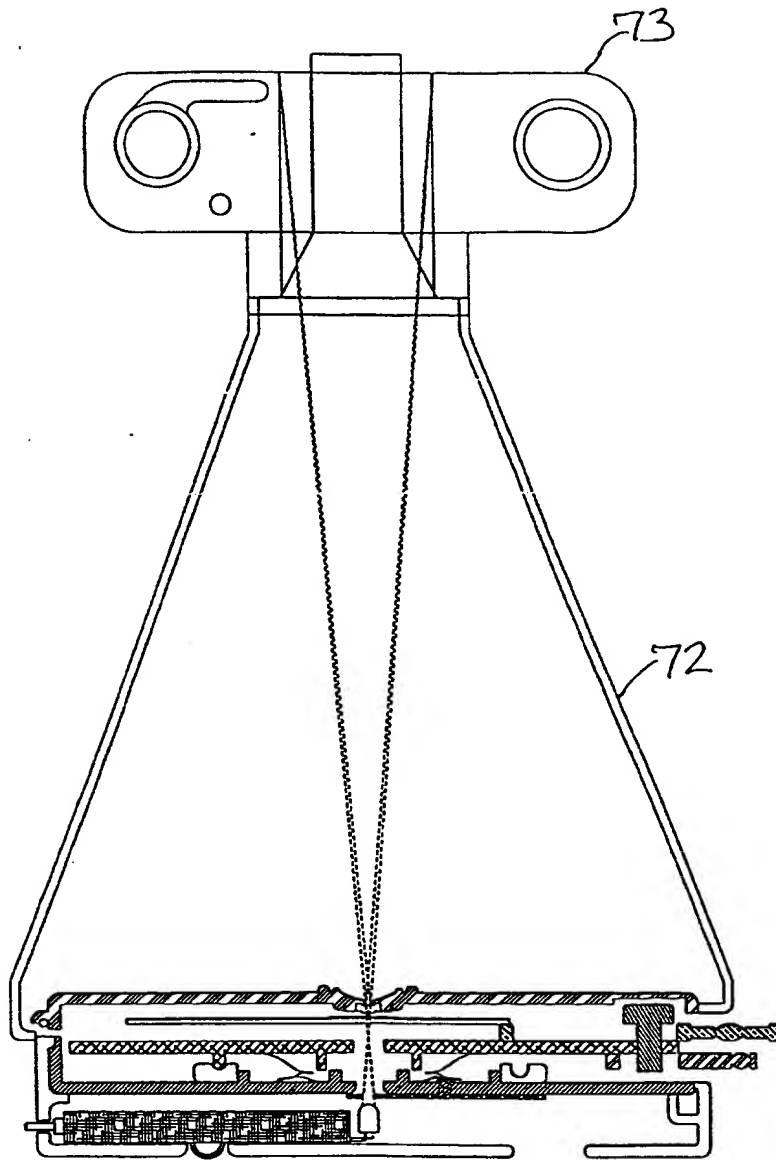


Figure 27

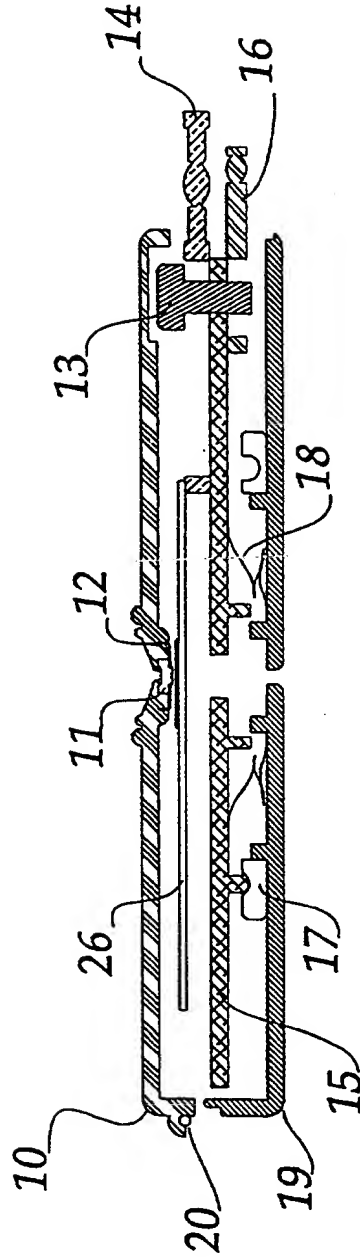


Figure 28

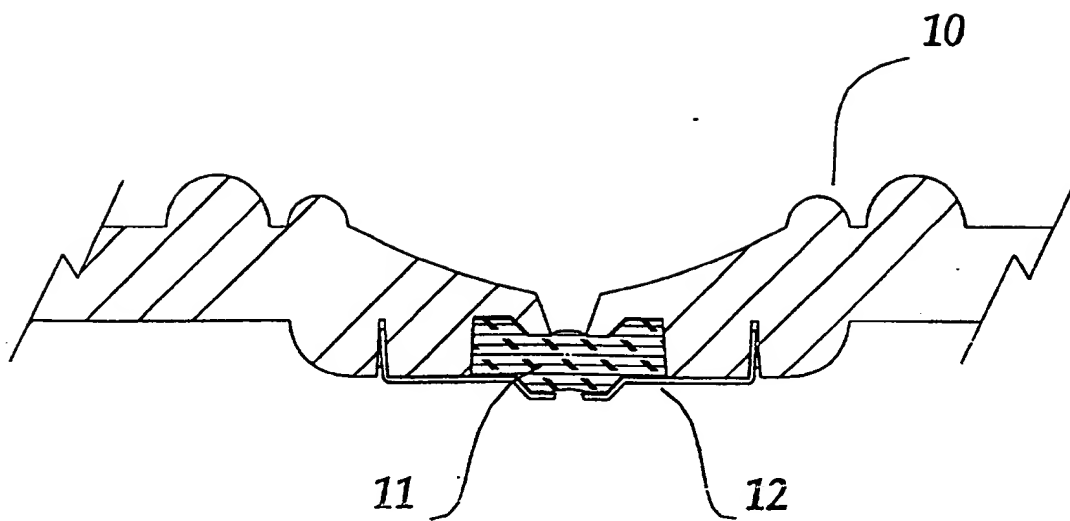


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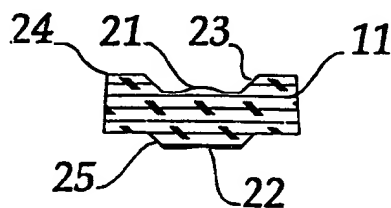


Figure 30

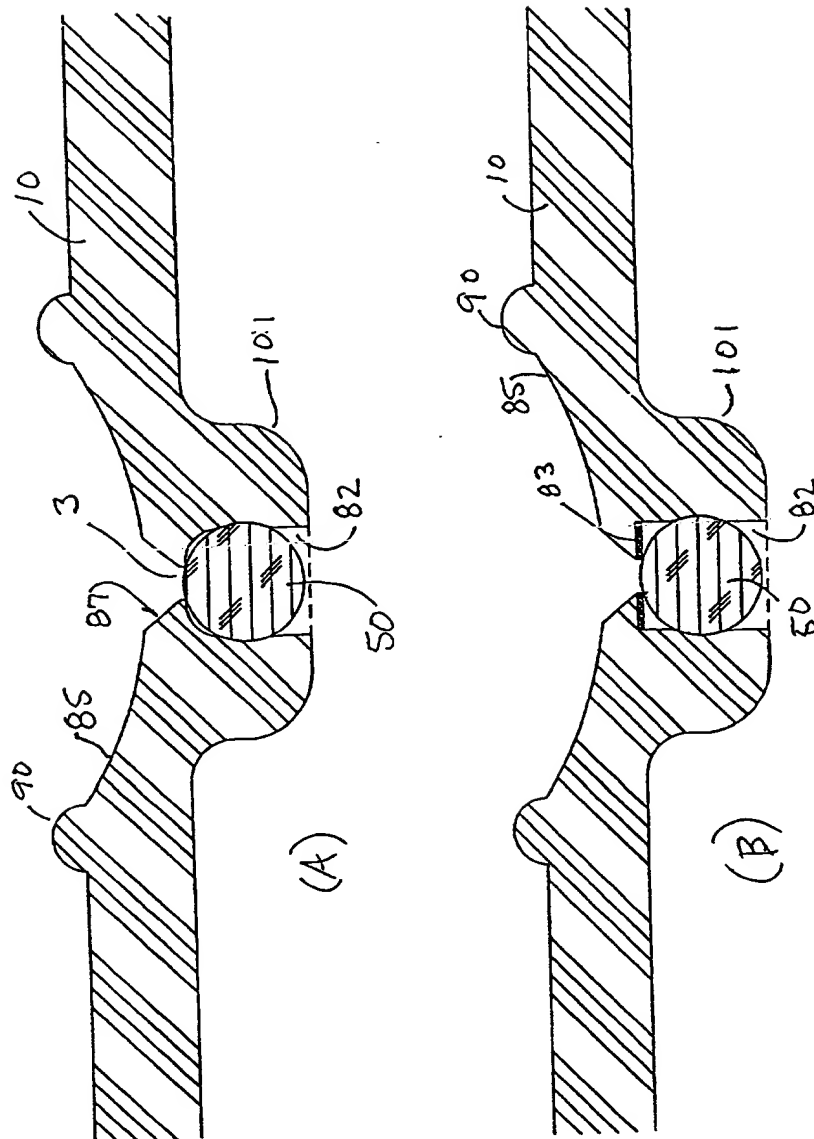


Figure 31

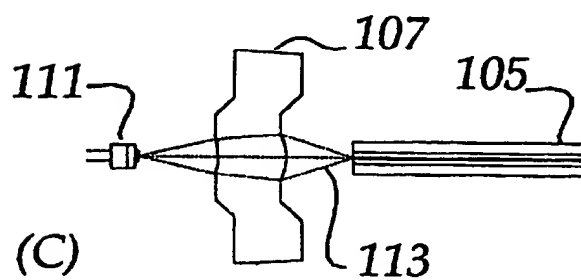
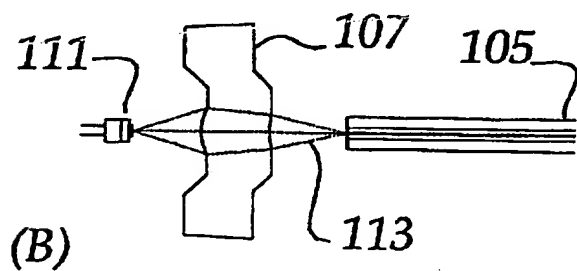
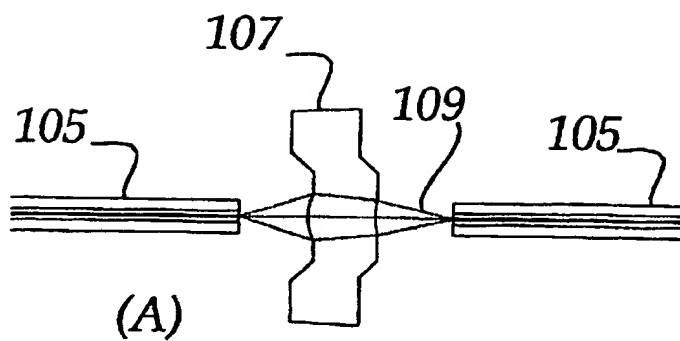


Figure 32